

From: [Mark Thomas](#)
To: [Webster, Susan](#); [Foster, Althea](#); [Hayes, Mark](#); [tim curry](#); [Paul Kuda](#); [John Cardarelli](#); [Delgado, Eric](#)
Subject: Conversion of ASPECT concentration data
Date: Thursday, April 18, 2013 8:54:40 AM
Attachments: [H18D1305 ammonia all scans convert.xls](#)

All,

While working up the concentration data I noticed that I specified the concentration last night as 60 to 100 ppm which is correct but it is integrated to a 1 meter path length. The volumetric concentration, which is what we normally measure with point detectors, is about a factor 10 less. So the volumetric concentration will be 6 to 10 ppm by volume.

I have looked at all of the detections and the raw data and have found that the highest concentration was about 6 ppm volumetric. Please find attached an excel file listing all of the detections made last night. I have listed both the integrated data (ppm*M) and the volumetric (ppm). Please note that our volumetric detection limit is about 2 ppm.

I am in the process of reworking the report and this information will be incorporated into the next draft.